

*"E-PiCo is an excellent programme of human diversity and innovative training for acceleration of electric transportation. A real opportunity to join the e-mobility world."*

Prof. Malek GHANES, Coordinator

The E-PiCo programme has been jointly designed, and will be implemented and fully supported, **by 4 major partners European Degree awarding Higher Education Institutions:**

Centrale Nantes - ECN, France

Kiel University - CAU, Germany

University Politehnica of Bucharest - UPB, Roumania

University of L'Aquila - UAQ, Italy



### Mobility scheme

Integration weeks	YEAR 1		YEAR 2	
	S1	S2	S3	S4
Centrale Nantes		UPB Bucharest	UPB Bucharest	Industrial Partners
		UAQ L'Aquila	UAQ L'Aquila	European Academic Partners
		CAU Kiel	CAU Kiel	Non-European Academic Partners
		Centrale Nantes		

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# E PiCo

Electric Vehicle Propulsion and Control

Join the future era  
of E-Mobility





Thanks to its solid scientific expertise, Master E-PiCo is applying in February 2019 to become one of the recognized Erasmus Mundus Joint Master Degrees supported by the EACEA Agency of the European Commission.



Erasmus+ is the European Union's programme to support higher education in Europe and it promotes the European Union as a centre of excellence in learning around the world.

An Erasmus Mundus Joint Master Degree (EMJMD) is a prestigious, integrated, international study programme, jointly delivered by an international consortium of higher education institutions (HEIs) and other partners with specific expertise and interest in the study programme. EMJMDs aim to:

- > Foster excellence, innovation, and internationalization in HEIs
- > Boost the attractiveness of the European Higher Education Area (EHEA) and support the EU's external action in the field of higher education
- > Improve the level of competences and skills of Master graduates and their employability

## Objectives

This programme will train high potential students in the area of Electric Vehicle Propulsion and Control.

Through lectures given by **reputed researchers, practical work on the latest experimental platforms, sessions with industrial specialists, annual workshops, 6 months of significant work experience**, E-PiCo students gain **the most advanced knowledge** that will prepare them for the upcoming challenges in E-Mobility.

## Study

**E-PiCo** will be the first European programme providing technical and scientific solutions to the issues of fossil fuel consumption and greenhouse gas emission, directly applicable to industry, by training future electric propulsion system expert graduates.

**E-PiCo** offers academic and industrial training across the whole span of the electric propulsion system (charging optimization, energy management, battery life cycle, power electronics system, power train control, performance improvement) with the technological specialization of the associated corporations and universities. All course units of E-PiCo - naturally taught in English – are already mutually recognized by the all consortium partners: the mandatory programme courses across the first 3 semesters will cover all propulsion system organs and applications.

## Why join this innovative programme?



- > Expand your network to be source of new activities and projects
- > To be member of a referenced scientific and technologic network
- > Increase your international visibility



- > Develop synergies to be stronger
- > Have access to more information
- > Share Knowledge and skills
- > Share your expertise, standards and resources



- > Recruit the best engineers in this field
- > Recruit highest potential students in your local industries or overseas
- > Help to build the career success of new talents



- > Join a programme of excellence
- > Rank your commitment to education among your top long-term priorities



- > Realize your vision to build the future for sustainable transport
- > Strengthen your missions

## Joint degree

**24 month Master course fully taught in English**

**Mobility scheme for students covering 2 or 3 different countries**

**Compulsory internship of 6 months for students**

**Fields opened to sustainable means of economically and ecologically efficient transport**

**Innovative training for sustainable transportation**

**Scholarships available for students and guest lecturers**

